

and styrene isoprene/butadiene block copolymers.

C 24. The sleeve as claimed in Claim 22, further comprising a reinforcing material having an elasticity lower than said gel and arranged in said sleeve so as to protect said wearer, ^{or both} ~~and/or~~ said sleeve ^{or both} ~~from stress and/or~~ abrasion.

C 25. The sleeve as claimed in Claim 23, further comprising a reinforcing material having an elasticity lower than said gel and arranged in said sleeve so as to protect said wearer, ^{or both} ~~and/or~~ said sleeve ^{or both} ~~from stress and/or~~ abrasion.

26. The sleeve as claimed in Claim 22, wherein said sleeve further comprises fabric which coats part or all of said gel on at least one of the inside and outside of said sleeve.

27. The sleeve as claimed in Claim 23, wherein said sleeve further comprises fabric which coats part or all of said gel on at least one of the inside and outside of said sleeve.

28. The sleeve as claimed in Claim 24, wherein said sleeve further comprises fabric which coats part or all of said gel on at least one of the inside and outside of said sleeve.

A₁ 29. The sleeve as claimed in Claim 22, wherein said gel is arranged to be capable of forming an air-tight seal with a limb or prosthetic socket when worn by said wearer.

30. The sleeve as claimed in Claim 22, wherein the elasticity of said sleeve is higher in a circumferential direction than in an axial direction.

31. The sleeve as claimed in Claim 23, wherein the elasticity of said sleeve is higher in a circumferential direction than in an axial direction.

32. The sleeve as claimed in Claim 26, wherein the elasticity of said sleeve is higher in a circumferential direction than in an axial direction.

33. The sleeve as claimed in Claim 29, wherein the elasticity of said sleeve is higher in a circumferential direction than in an axial direction.

34. The sleeve as claimed in Claim 22, wherein a thickness of said intermediate portion is greater than a thickness at one or both of said first open end and said second open end.

35. The sleeve as claimed in Claim 22, wherein said sleeve is completely coated on one of the inside or outside thereof with fabric and, on the other side, is coated with fabric only at said intermediate portion.

36. The sleeve as claimed in Claim 23, wherein said sleeve is completely coated on one of the inside or outside thereof with fabric and, on the other side, is coated with fabric only at said intermediate portion.

37. The sleeve as claimed in Claim 26, wherein said sleeve is completely coated on one of the inside or outside thereof with fabric and, on the other side, is coated with fabric only at said intermediate portion.

38. The sleeve as claimed in Claim 27, wherein said sleeve is completely coated on one of the inside or outside thereof with fabric and, on the other side, is coated with fabric only at said intermediate portion.

39. The sleeve as claimed in Claim 29, wherein said sleeve is completely coated on one of the inside or outside thereof with fabric and, on the other side, is coated with fabric only at said intermediate portion.

40. An open-ended polymeric annular sleeve configured to receive a limb of a wearer and comprising an inside, an outside, a first open end, a second open end, and an intermediate portion provided between said first open end and said second open end, said polymeric annular sleeve being completely coated on one of the inside or outside thereof with fabric and, on the other side, coated with fabric only at said intermediate portion.

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41. The sleeve as claimed in Claim 40, wherein said polymeric annular sleeve is a silicone annular sleeve.

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42. The sleeve as claimed in Claim 40, wherein said polymeric annular sleeve is a urethane annular sleeve.

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43. The sleeve as claimed in Claim 40, wherein said polymeric annular sleeve is a block copolymer/mineral oil gel annular sleeve.

A. cited
44. The sleeve as claimed in Claim 22, wherein said sleeve further comprises an orthotic joint and, optionally, support bars.

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45. The sleeve as claimed in Claim 40, wherein said sleeve further comprises an orthotic joint and, optionally, support bars.

46. The sleeve as claimed in Claim 44, comprising support bars.

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47. The sleeve as claimed in Claim 45, comprising support bars.

48. The sleeve as claimed in Claim 22, further comprising a transducer.

49. The sleeve as claimed in Claim 40, further comprising a transducer.

50. The sleeve as claimed in Claim 44, further comprising a transducer.

51. The sleeve as claimed in Claim 45, further comprising a transducer.

SUPPORT FOR AMENDMENTS

New Claims 22-51 are supported throughout the specification where the invention open-ended cushion knee or elbow sleeve is described. Note, for example, Figure 8, page 7, lines 9ff and the paragraph bridging pages 17 and 18 of the specification. The gel referred to in Claim 22 is described in the paragraph bridging pages 13 and 14. Several other polymers such as silicones and urethanes are described in the paragraph bridging pages 27 and 28 of the specification. The transducer of Claims 48-51 is described in the paragraph bridging pages